

SOUTH DAKOTA WEEKLY CROP-WEATHER REPORT

 SOUTH DAKOTA
FIELD OFFICE
NATIONAL AGRICULTURAL
STATISTICS SERVICE
P.O. Box 5068
Sioux Falls, South Dakota 57117-5068
Cooperating with
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE
and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

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For Week Ending May 21, 2006
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AGRICULTURAL SUMMARY: Temperatures were above normal for much of the state last week, with minimal precipitation received in many areas. Winter wheat and small grain crops are being stressed, due to dry conditions, while row crop planting advances significantly. Major farm activities last week included caring for livestock, calving and lambing, fertilizing, working ground, small grain seeding, and planting of row crops. Statewide, there were 6.2 days reported suitable for fieldwork.

This report is based on information from county extension educators, Farm Service Agency county directors, and other reporters across the state.

WEATHER INFORMATION: Temperatures were up to 9 degrees above normal last week, with precipitation totals ranging from 0 inch in Aberdeen to .5 inch in Custer. Last week's high temperature of 94 degrees was reported in Mobridge, while the low was 32 degrees in Porcupine and Custer.

SOIL CONDITION: Both topsoil and subsoil moisture levels fell last week, with topsoil rated at 64 percent adequate to surplus and subsoil rated at 65 percent adequate to surplus. Soil temperatures from reporting stations averaged 59.3 degrees last week.

FIELD CROPS REPORT: Corn planting advanced 19 points last week and is now 84 percent complete, 2 points ahead of average. Soybean planting jumped 28 points last week, now 41 percent complete and is 6 points ahead of normal. Winter wheat and small grain conditions deteriorated last week, as warm temperatures and minimal precipitation stressed crops. Winter wheat development advanced to 59 percent in boot, with 2 percent headed. Oats and spring wheat emergence are ahead of the five year average, while barley emergence, at 74 percent, remains behind the five-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT: Cattle and sheep remain in mostly good to excellent condition despite last week's warm weather. Range and pasture conditions vary throughout the state, as 73 percent of cattle have been moved to pastures. Stock water supplies fell last week, with 70 percent rated in adequate to surplus supply. Calving and lambing near completion, with calving 93 percent complete and lambing 97 percent complete. Alfalfa hay cutting began last week, with 4.0 percent of the acres cut.

FEED AND WATER SUPPLIES COMPARISON AS OF MAY 21, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This Year	Last Year	5-Yr. Ave.	This Year	Last Year	5-Yr. Ave.
Percent						
Very Short	2	8	9	10	15	14
Short	7	11	21	20	23	20
Adeq.	86	73	66	65	59	60
Surplus	5	8	4	5	3	6

SOIL MOISTURE CONDITION COMPARISON AS OF MAY 21, 2006

RATING	TOPSOIL			SUBSOIL		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Percent						
Very Short	10	3	2	14	5	4
Short	26	17	6	21	23	20
Adeq.	55	64	86	56	60	72
Surplus	9	16	6	9	12	4

CROP AND LIVESTOCK CONDITIONS AS OF MAY 21, 2006

ITEM	V	POOR	POOR	FAIR	GOOD	EXCEL
Percent						
Winter Wheat	11		12	37	34	6
Spring Wheat	3		7	33	47	10
Barley	0		4	31	61	4
Oats	1		5	29	58	7
Corn	1		3	24	66	6
Cattle	0		1	10	72	17
Sheep	0		1	15	60	24
Range & Pasture	2		15	32	39	12

CROP PROGRESS AS OF MAY 21, 2006 1/

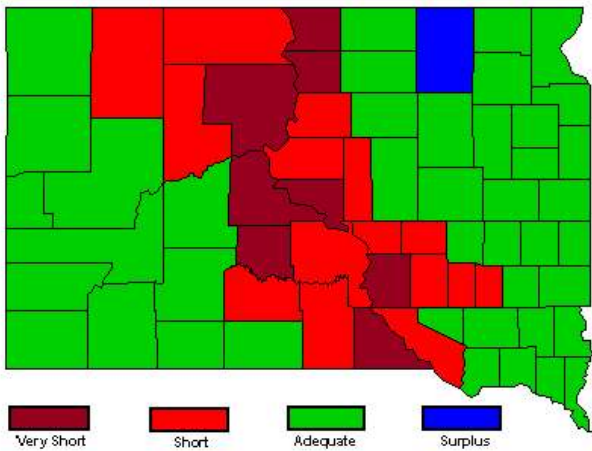
ITEM	This Week	Last Week	Last Year	5-Yr. Ave
Percent				
Barley				
seeded	91	82	99	97
emerged	74	57	93	81
Spring wheat				
seeded	99	96	100	98
emerged	95	82	99	89
boot	1	0	1	0
Oats				
seeded	98	95	100	97
emerged	89	72	93	85
boot	0	0	3	2
Corn				
planted	84	65	88	82
emerged	32	8	28	30
Sorghum				
seeded	25	12	17	18
headed	1	0	0	1
Soybeans				
planted	41	13	33	35
emerged	5	1	3	4
Sunflower				
seeded	14	4	9	7
Winter wheat				
boot	59	38	61	43
headed	2	0	1	3
Alfalfa				
1 st cutting	4	0	1	NA
Other hay				
cut	1	0	0	0

1/ Percents represent all acreage in or beyond each stage.

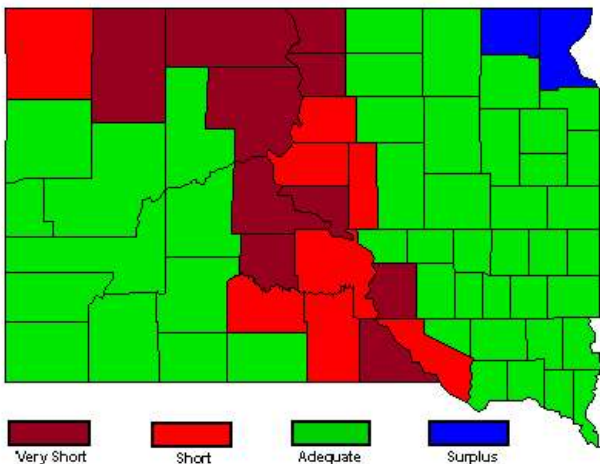
SOIL TEMPERATURES WEEK ENDING MAY 21, 2006 (4-inch Depth)

LOCATION	TEMP	LOCATION	TEMP
Beresford	62	Gettysburg	63
Brookings	54	Nisland	61
Caputa	56	Pierre	63
Chamberlain	64	Redfield	55
Cottonwood	64	Watertown	51

TOPSOIL MOISTURE
 As of Sunday, May 21, 2006



SUBSOIL MOISTURE
 As of Sunday, May 21, 2006



TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS

WEEK ENDING SUNDAY, May 21, 2006

Dist.	Station	Temperature Past Week				Precipitation					Growing Degree Days		
		Average	Departure from Normal	High	Low	Total			Departure from Normal		Accum. Total	Departure from Normal	
						Current Week	Since Jan. 1	Since Apr. 1	Since Jan. 1	Since Apr. 1			Since Apr. 1
----- Degrees ----- Inches -----													
NW	Bison	63	7	90	38	0.00	3.74	1.53	-2.28	-2.53	239	85	
	Buffalo	62	7	88	37	0.01	2.29	1.73	-1.92	-1.30	216	76	
	Dupree	62	6	92	33	0.00	3.49	1.68	-2.04	-2.16	234	46	
	McIntosh	62	6	91	37	0.00	2.32	1.26	-2.68	-2.27	240	75	
	Newell	62	7	89	35	0.18	7.14	5.70	2.31	2.37	214	66	
	Timber Lake	61	5	91	37	0.00	2.67	1.44	-3.25	-2.52	218	36	
NC	Aberdeen	59	2	84	38	0.00	4.73	3.69	-0.94	0.20	212	14	
	Eureka	61	5	88	38	0.06	2.81	2.18	-2.16	-1.21	240	80	
	Faulkton	60	3	89	38	0.04	3.22	1.83	-2.72	-2.01	223	51	
	Mobridge	62	5	94	38	0.00	1.75	1.22	-3.92	-2.55	278	93	
	Roscoe	58	0	90	35	0.00	2.86	2.12	-3.03	-1.85	166	-14	
NE	Britton	59	0	76	41	0.00	5.79	4.08	0.56	0.56	250	41	
	Clear Lake	57	-2	77	43	0.00	6.52	4.39	-0.58	0.20	184	-7	
	Sisseton	57	-3	73	38	0.00	6.64	5.07	0.04	0.90	220	0	
	Webster	57	-2	74	40	0.43	7.43	5.96	1.48	2.30	194	3	
	Watertown	57	-2	76	42	0.01	4.51	3.29	-2.16	-0.85	202	21	
WC	Faith	63	7	92	36	0.00	2.45	1.00	-3.26	-2.90	254	70	
	Milesville	63	5	91	35	0.08	3.46	1.81	-2.48	-2.21	244	28	
	Long Valley	62	5	89	35	0.07	3.78	1.99	-1.93	-1.85	279	78	
	Philip	62	3	89	34	0.08	3.64	1.58	-1.52	-1.94	260	43	
	Rapid City	62	7	90	40	0.16	4.50	2.96	-1.06	-0.66	258	114	
	Spearfish	63	9	86	41	0.21	7.37	5.24	-0.56	0.10	240	106	
C	Chamberlain	63	4	90	40	0.23	4.36	1.84	-1.36	-2.11	268	15	
	Highmore	62	4	88	39	0.05	4.23	2.91	-1.93	-1.18	276	68	
	Huron	59	2	84	37	0.00	2.91	2.08	-3.78	-1.86	250	44	
	Onida	62	3	93	35	0.01	3.89	1.97	-2.21	-1.80	244	27	
	Pierre	63	5	92	37	0.04	2.28	0.82	-3.67	-3.09	294	74	
EC	Brookings	58	2	80	44	0.00	6.04	4.02	0.19	0.15	184	29	
	Madison	58	1	79	42	0.00	5.37	3.57	-2.02	-0.71	221	33	
	Mitchell	60	-1	82	43	0.18	6.63	4.18	-0.45	-0.27	232	-20	
	Sioux Falls	59	0	81	43	0.07	9.89	6.37	2.60	1.87	275	57	
SW	Custer	55	6	80	32	0.49	4.66	2.05	-1.09	-1.82	90	33	
	Hot Springs	62	6	90	35	0.00	5.67	2.12	0.72	-1.34	258	58	
	Oelrichs	60	3	87	33	0.26	6.03	3.40	0.18	-0.53	225	25	
	Porcupine	61	4	88	32	0.01	7.45	4.36	2.48	0.87	238	66	
SC	Murdo	63	6	90	38	0.42	5.51	2.55	-0.74	-1.44	287	98	
	Winner	63	2	88	38	0.13	6.16	3.28	-1.86	-1.91	365	72	
SE	Armour	63	3	86	40	0.07	5.45	3.52	-1.80	-0.85	325	42	
	Centerville	60	0	86	41	0.15	6.77	4.37	-0.46	-0.08	296	53	
	Marion	59	0	81	44	0.18	7.79	4.75	0.23	0.18	240	21	
	Pickstown	61	2	86	41	0.16	7.47	4.32	0.77	0.11	298	52	
	Vermillion	63	1	90	41	0.00	7.94	4.84	0.60	0.13	392	59	
	Yankton	61	1	84	42	0.17	10.01	5.31	3.12	0.93	327	70	

SOURCE: National Weather Service, provided by AWIS, Inc.